Panasonic®

Installation Guide

PC Software Package

Model No. WV-ASM970

Before attempting to connect or operate this product, please read these instructions carefully and save this manual for future use.
The model number is abbreviated in some descriptions in this manual.

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Features

PC Software Package WV-ASM970 is used on a client PC (hereinafter, Client PC) that is connected to the server PC (hereinafter, Server PC) on which PC Software Package WV-ASC970 is installed via LAN (Local Area Network: hereinafter, network).
It is possible to control and operate the following Panasonic products that are managed by the Server PC.

- Network disk recorders and digital disk recorders (hereinafter, recorder(s))
- Network interface units (hereinafter, encoder(s))
- Network cameras and analog cameras (hereinafter, camera(s))
- Matrix switchers (hereinafter, switcher(s))
- Monitors for Client PCs on which this software is installed
- Network video decoders (hereinafter, decoder(s))
- Analog monitors

This software operates on the Microsoft® Windows® operating systems.
Refer to the readme file of this software for compatible devices.
Using this software, it is possible to display live images from camera channels or play back recorded images from recorders on the monitors for Client PCs or on the HDMI/analog monitors connected to the decoder. It is also possible to download the searched recording events or images from the recorders to the Client PCs.

About this installation guide

This installation guide contains descriptions of how to install this software.
Refer to the readme file of this software for operations of each function.
The network settings will be different depending on the settings of the LAN or the Internet service provider.
Refer to the network administrator for further information about the network settings.

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Abbreviations

These are descriptions of the basic terms used in these operating instructions.

- Microsoft® Windows® XP Professional SP3 (32-bit) is described as Windows XP.
- Microsoft® Windows Vista® Business SP2 (32-bit) and Microsoft® Windows Vista® Business SP2 (64-bit) are described as Windows Vista.
- Microsoft® Windows® 7 Professional SP1 (32-bit) and Microsoft® Windows® 7 Professional SP1 (64-bit) are described as Windows 7.
- Microsoft® Windows® 8 Professional (32-bit) and Microsoft® Windows® 8 Professional (64-bit) are described as Windows 8.
- Windows® Internet Explorer® and Microsoft® Internet Explorer® are described as Internet Explorer.

System requirements

It is recommended to install this software on a Client PC that meets the following system requirements.

OS *1	Microsoft® Windows® 8 Professional (32-bit) *2 Microsoft® Windows® 8 Professional (64-bit) *2 *3 Microsoft® Windows® 7 Professional SP1 (32-bit) *2 Microsoft® Windows® 7 Professional SP1 (64-bit) *2 *3 Microsoft® Windows Vista® Business SP2 (32-bit) *2 Microsoft® Windows Vista® Business SP2 (64-bit) *2 *3 Microsoft® Windows® XP Professional SP3 (32-bit)
OS language	English
Computer	IBM PC/AT Compatible
CPU	Intel® Core™2 Duo 2.66 GHz or faster Intel® Core™2 Quad Q9650 or faster (When operating H.264 images) Intel® Core™ i7-920 or faster (When operating H.264 images)
Memory	2 GB or more 3 GB or more (When operating H.264 images)
Video memory	VRAM 128 MB or more, compatible with DirectX® 9.0c
Required hard disk space	3 GB and more *4
Monitor	2 monitors with 1 280 x 1 024 pixels or more 24-bit True color or better (Full color recommended)
Interface	100/1 000 Mbps Network Interface card must be installed *5
Web browser	Windows® Internet Explorer® 10.0 Windows® Internet Explorer® 9.0 Windows® Internet Explorer® 8.0 Windows® Internet Explorer® 7.0 SP1 Microsoft® Internet Explorer® 6.0 SP3

In addition, the following are required for the operation of this software.

Server PC	A PC on which WV-ASC970 is installed is required so that this software can operate on the Client PC.
CD-ROM drive on the Server PC	Required when locating this software on the Server PC

*1 This software is designed based on the default style or the font size of Microsoft® Windows® XP, Microsoft® Windows Vista®, Microsoft® Windows® 7 and Microsoft® Windows® 8.
When the display style or the font size is changed from the default, it may be possible that the layout of this software collapses.
*2 When using Microsoft® Windows Vista®, Microsoft® Windows® 7 or Microsoft® Windows® 8 refer to "Readme.txt" for further information about the system requirements, precautions, etc.
*3 Operates in WOW64 (32-bit mode).

*4 It is required that Microsoft® .NET Framework 4.0 and Microsoft® Visual C++® 2005 SP1 Redistributable Package (x86) are installed on the Client PC to use this software.
It is necessary to prepare other exclusive disk space as files for synchronization between the files on the Server PC and the files downloaded from the recorder in addition to the required disk space for installation of this software.
*5 The network settings on the Client PC must meet those of the network environment where the Client PC is connected. Operations of this software on a Client PC with two network interface cards or more will not be covered by the warranty.

Important:
- Operation of this software on remote desktop is not guaranteed.
- While running this software, do not leave the Client PC in Sleep mode, log out of the Client PC or shut down the Client PC. Otherwise, operation of this software may become unstable.
- Do not use other applications, especially heavy load types, while this software is running. Otherwise, the CPU overload and the shortage of resources will cause malfunction and insufficient performance.
- When no sound card is installed, the buzzer will not sound at an alarm/error occurrence.
- Microsoft® Windows® XP Professional x64 Edition is not supported.
- Windows XP mode for Microsoft® Windows® 7 is not supported.
- Performance when a proxy server exists between a Client PC and other devices is not guaranteed.
- Performance when a Client PC and other devices are connected via a network other than LAN is not guaranteed.

Installation

Important:
- The number of MPEG-4 and H.264 licenses must match the number of PCs on which WV-ASM970 since a single software package of WV-ASM970 can display images in both MPEG-4 and H.264 format.
Number of licenses can be checked on the "IP DEVICES" window of "WV-ASC970 Admin Console" (Number of the registered WV-ASM970 VP for "Model").
Contact the customer support listed below for details about licenses.
- It is unnecessary to perform steps 2-3 and 2-4 below when "Microsoft® .NET Framework 4.0" and "Microsoft® Visual C++® 2005 SP1 Redistributable Package (x86)" are already installed on the Client PC.

This software becomes operable when the required files are located on the Server PC, and when the files are downloaded and installed on the Client PC via the network.

1. Locate this software on the Server PC.
   1-1. Connect VGA monitor and keyboard to the Server PC.
   1-2. Login to the Server PC as root user.
   1-3. Place the WV-ASM970 CD-ROM on the CD-ROM drive.
   1-4. (In case of Redhat® Enterprise Linux® ES 3.0) Change directory to "/mnt/cdrom".
   (In case of Redhat® Enterprise Linux® 5 Server or later) Change directory to "/media/WV-ASM970".
   1-5. Enter the "/bin/sh (space) install_asm970.sh" command, then press the Enter key and wait for the configuration setup procedure automatically starts.
   1-6. After the configuration finishes, you can see the "Software Installation has been completed" message on the monitor.

2. Download and install this software on a Client PC via the network, and activate the software on the Client PC.
   2-1. Launch Internet Explorer®.
   2-2. Enter "http://[IP address of Server PC]/ASM970/start.htm" in the "Address" box, and press the [Enter] button on the PC keyboard.
   2-3. Click "here to install" of "Microsoft® .NET Framework 4.0" on the browser window, and then click the [Run] button, and then click the [Run] button in the "Security Alert" dialog.
   → The installer of it will be launched.
   Install the software by following the instructions displayed on the monitor and restart the Client PC, and then perform 2-1 and 2-2.
   2-4. Click "here to install" of "Microsoft® Visual C++® 2005 SP1 Redistributable Package (x86)" on the browser window, and then click the [Run] button, and then click the [Run] button in the "Security Alert" dialog.
   → The installer of it will be launched.
   Install the software by following the instructions displayed on the monitor.
   2-5. Click the [Start] button on the browser window.
   → The installer of WV-ASM970 will be launched and WV-ASM970 will be installed, and then it will start up.

(If you would like to read the readme file)
1 Launch Internet Explorer®.
2 Enter "http://[IP address of Server PC]/ASM970/start.htm" in the "Address" box, and press the [Enter] button on the PC keyboard.
3 Click "Readme.txt". The readme file will open for reference.

Launching the software

Refer to the operating instructions (Help file) of the WV-ASC970 License Management Tool for how to launch WV-ASE901 and WV-ASE231.

Important:
- When using WV-ASE901 and WV-ASE231, be sure to register the "Registration Key". Refer to the Activation Key Card for further information about how to obtain the "Registration Key".

Uninstallation

Important:
- Settings are deleted after this software is uninstalled.
  If necessary, make sure to write down the settings on paper before uninstalling.
- The files obtained from the recorders are not deleted even after this software is uninstalled.
- When a message window is displayed in the process of the uninstallation to ask you to quit the applications, click the [OK] button on the displayed window to continue the uninstallation.

● Uninstall this software from a Client PC.

<When using on Windows® XP>
1. Open "Add or Remove Programs" in "Control Panel".
2. Select "WV-ASM970" (the program to be deleted) from "Currently installed programs" and click the [Change/Remove] button.
3. Select “Remove the application from this computer”, and then click the [OK] button.

<When using on Windows Vista®>
1. Open "Programs or Features" in "Control Panel".
2. Select "WV-ASM970" from "Uninstall or change a program" and click the [Uninstall] button.
3. Select “Remove the application from this computer”, and then click the [OK] button.

<When using on Windows® 7 or Windows® 8>
1. Open "Uninstall a program" in "Control Panel".
2. Select "WV-ASM970" from "Uninstall or change a program" and click the [Uninstall/Change] button.
3. Select “Remove the application from this computer”, and then click the [OK] button.

For U.S. and Canada:

Panasonic System Communications Company of North America, Unit of Panasonic Corporation of North America
www.panasonic.com/business/
For customer support, call 1.800.528.6747
Two Riverfront Plaza, Newark, NJ 07102-5490

Panasonic Canada Inc.
5770 Ambler Drive, Mississauga, Ontario, L4W 2T3 Canada
(905)624-5010
www.panasonic.ca

For Europe and other countries:

Panasonic Corporation
http://panasonic.net

Importer's name and address to follow EU rules:

Panasonic Testing Centre
Panasonic Marketing Europe GmbH
Winsbergring 15, 22525 Hamburg, Germany

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NF0713-1093 PGQX1398YA Printed in Japan